(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 26 May 2005 (26.05.2005)

PCT

(10) International Publication Number WO 2005/047537 A2

(51) International Patent Classification?:

C12Q 1/68

(21) International Application Number:

PCT/EP2004/052962

(22) International Filing Date:

15 November 2004 (15.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 03104181.7

13 November 2003 (13.11.2003) EP

- (71) Applicant (for all designated States except US): VIB vzw [BE/BE]; Rijvisschestraat 120, B-9052 Zwijnaarde (BE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): DE JONGHE, Peter [BE/BE]; Warandestraat 6, B-2800 Mechelen (BE). TIMMERMAN, Vincent [BE/BE]; Van Den Nestlaan 69, B-2520 Broechem (BE). IROBI, Joy [BE/BE]; Ter Borchtlaan 22, B-2650 Edegem (BE). VAN BROECK-HOVEN, Christine [BE/BE]; Koning Albertlei 15, B-2650 Edegem (BE).
- (74) Common Representative: VIB vzw; Rijvisschestraat 120, B-9052 Zwijnaarde (BE).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, Fl, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DIAGNOSTIC TESTS FOR THE DETECTION OF MOTOR NEUROPATHY

(57) Abstract: The present invention relates generally to the field of human genetics. Specifically, the present invention relates to methods and materials used to isolate and detect human motor neuron diseases causing genes, some alleles of which cause motor neuron neuropathy.